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**Experiment 4. Implement histogram equalization on the given image and compare it with the original image using Open CV.**

**Code:**

```
import cv2
```

```
i = cv2.imread("image.jpg", 0)  
h = cv2.equalizeHist(i)  
cv2.imshow("Original Image", i)  
cv2.imshow("Histogram Equalized Image", h)  
cv2.waitKey(0)  
cv2.destroyAllWindows()
```

**Input and Output:**

